

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026084.D
 Acq On : 06 Nov 2025 19:48
 Operator : RC/JU
 Sample : Q3534-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-EB-2

Quant Time: Nov 07 01:02:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

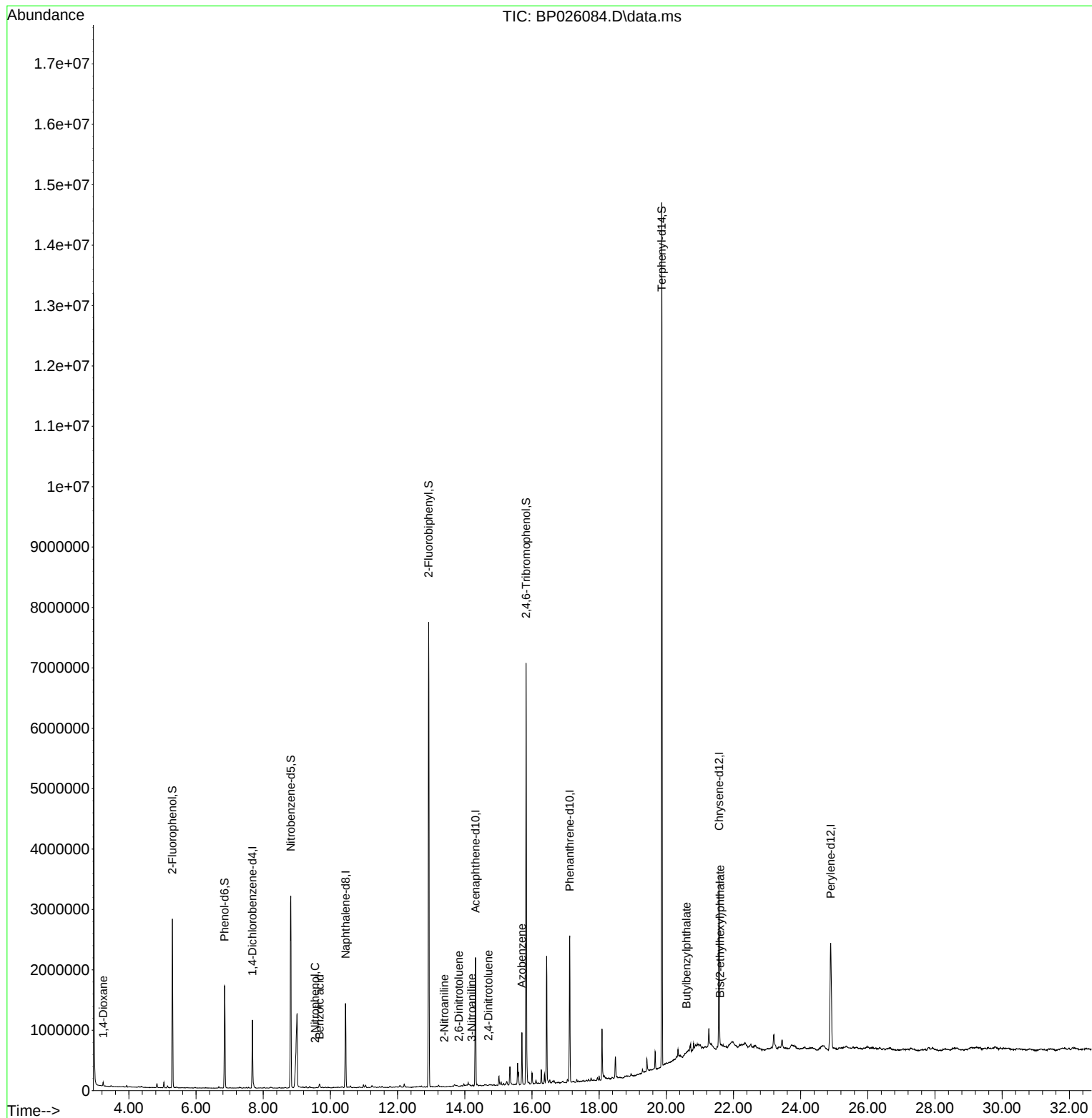
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	311269	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1204036	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	734309	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1476005	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1673935	20.000	ng	0.00
86) Perylene-d12	24.895	264	1952856	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1208679	64.074	ng	0.00
7) Phenol-d6	6.849	99	1017253	42.368	ng	0.00
23) Nitrobenzene-d5	8.819	82	1756493	90.944	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1265917	159.464	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4039177	79.040	ng	0.00
79) Terphenyl-d14	19.866	244	6548074	79.475	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.231	88	28071	3.530	ng	# 85
26) 2-Nitrophenol	9.549	139	100	2.690	ng	# 1
32) Benzoic acid	9.678	122	23950	6.009	ng	98
48) 2-Nitroaniline	13.390	65	158	2.923	ng	# 40
51) 2,6-Dinitrotoluene	13.825	165	172	3.007	ng	88
53) 3-Nitroaniline	14.207	138	301	2.661	ng	# 54
57) 2,4-Dinitrotoluene	14.701	165	644	3.128	ng	# 67
63) Azobenzene	15.701	77	220522	4.531	ng	# 1
80) Butylbenzylphthalate	20.601	149	2666	3.456	ng	# 34
84) Bis(2-ethylhexyl)phtha...	21.601	149	21118	2.893	ng	96

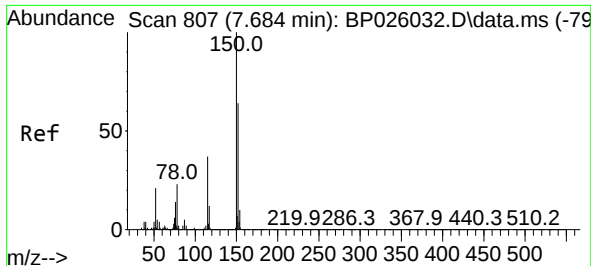
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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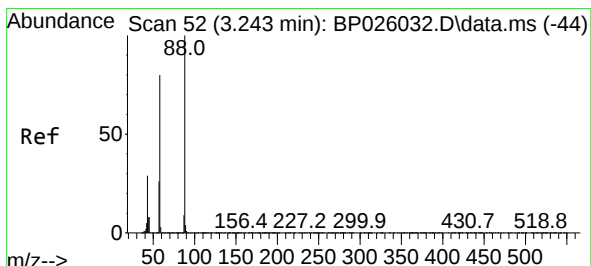
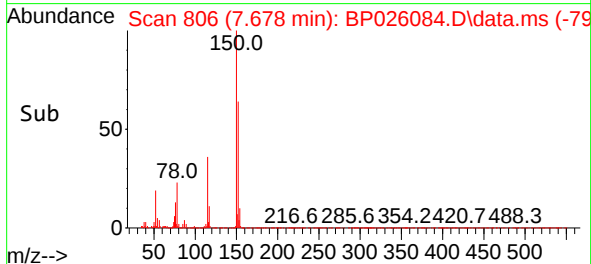
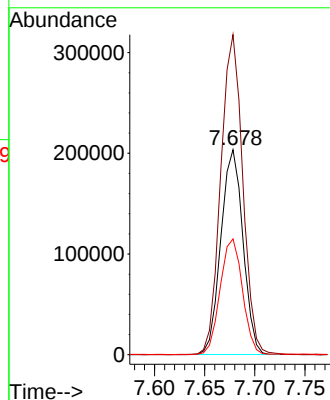
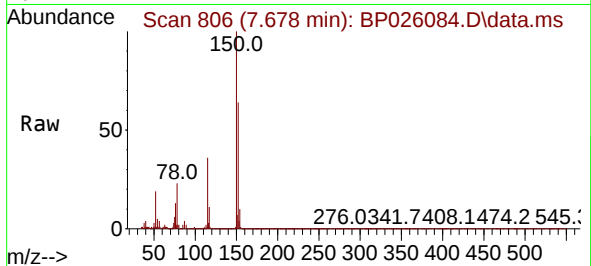




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026084.D
 Acq: 06 Nov 2025 19:48

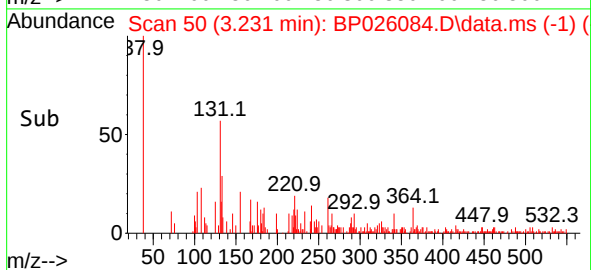
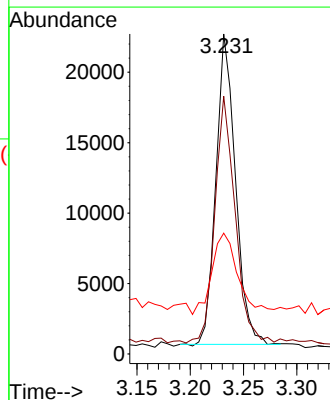
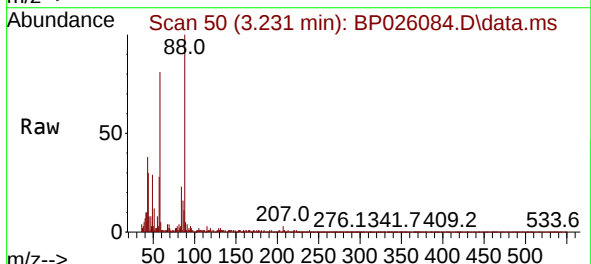
Instrument :
 BNA_P
 ClientSampleId :
 MW-EB-2

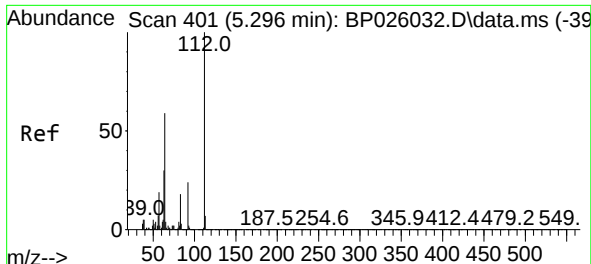
Tgt Ion:152 Resp: 311269
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.7 188.5
 115 56.6 46.4 69.6



#2
 1,4-Dioxane
 Concen: 3.530 ng
 RT: 3.231 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BP026084.D
 Acq: 06 Nov 2025 19:48

Tgt Ion: 88 Resp: 28071
 Ion Ratio Lower Upper
 88 100
 58 82.3 65.4 98.0
 43 0.0 23.1 34.7#

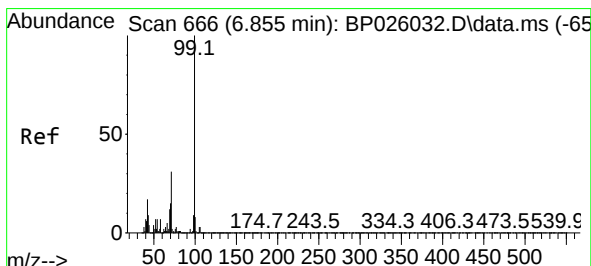
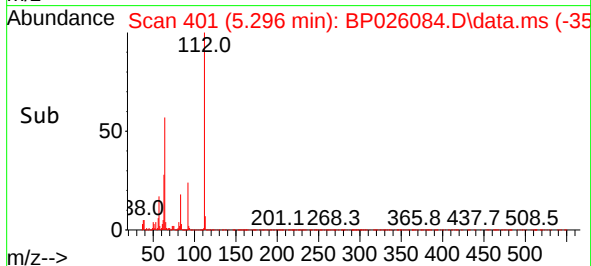
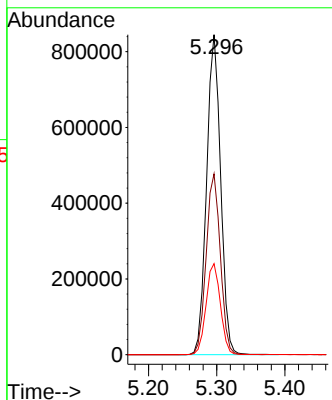
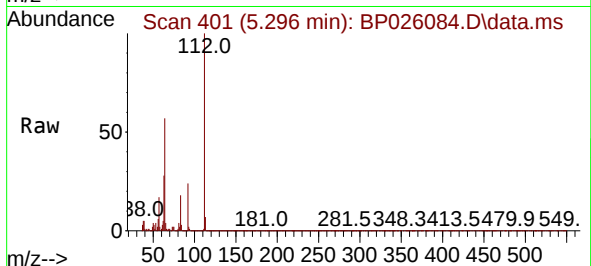




#5
2-Fluorophenol
Concen: 64.074 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

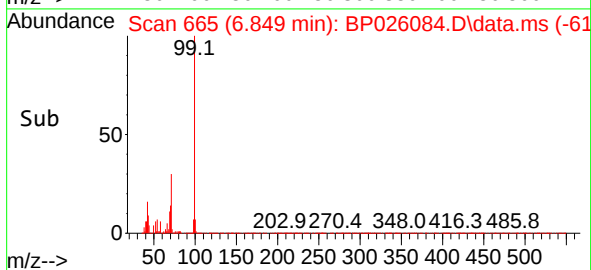
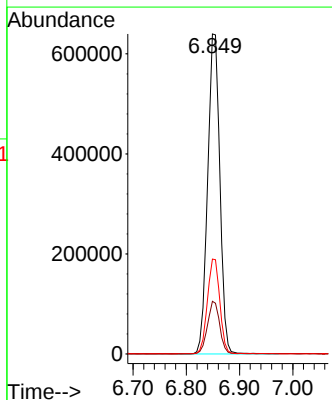
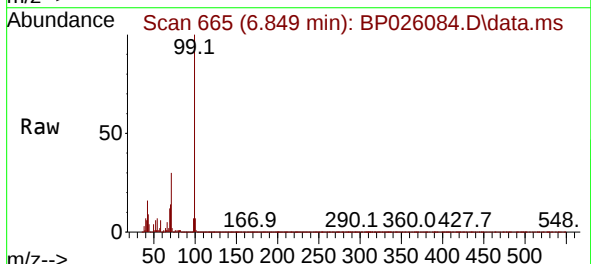
Instrument :
BNA_P
ClientSampleId :
MW-EB-2

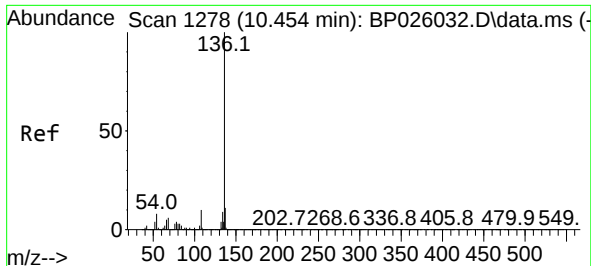
Tgt Ion:112 Resp: 1208679
Ion Ratio Lower Upper
112 100
64 56.5 47.4 71.2
63 28.4 24.2 36.4



#7
Phenol-d6
Concen: 42.368 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion: 99 Resp: 1017253
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 29.6 24.4 36.6



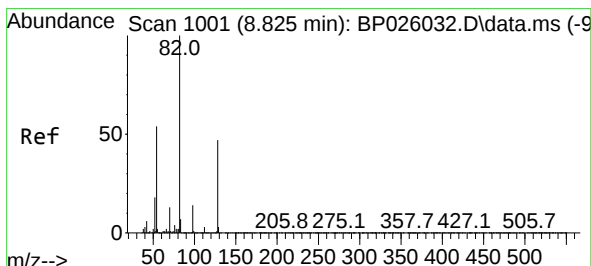
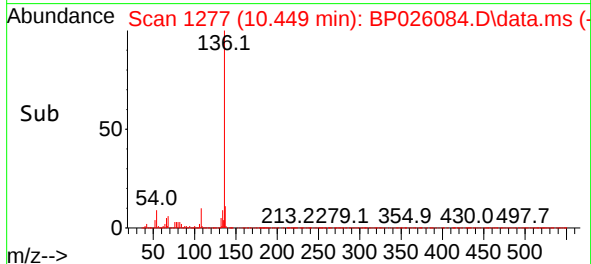
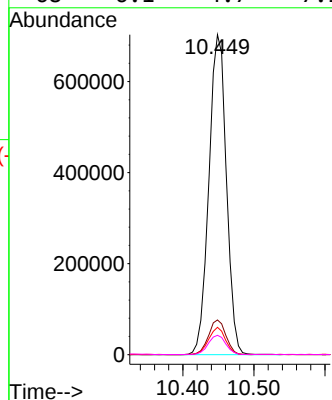
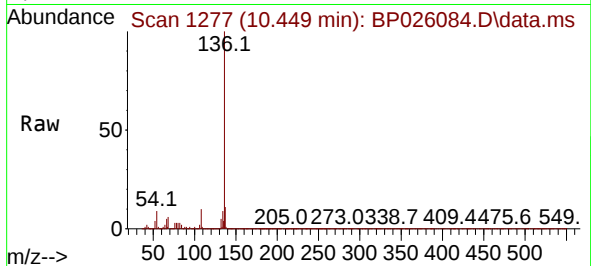


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:136 Resp: 1204036

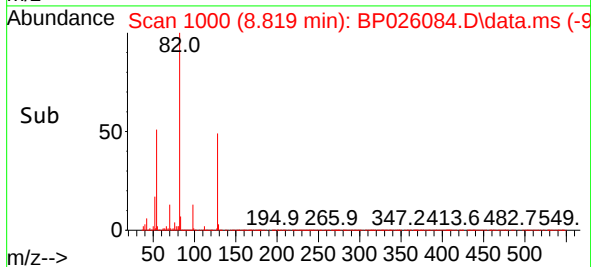
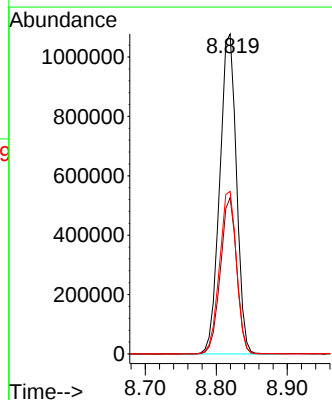
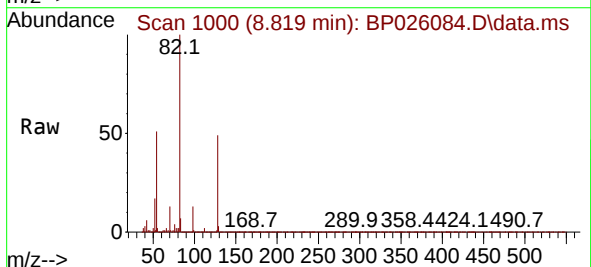
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.6	6.6	10.0
68	6.1	4.7	7.1

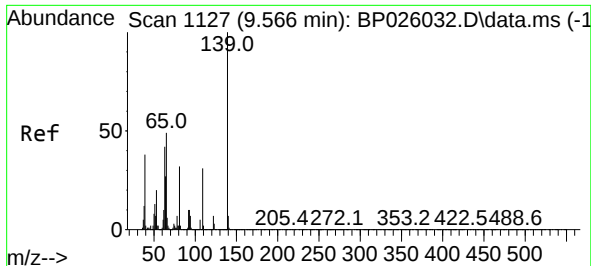


#23
Nitrobenzene-d5
Concen: 90.944 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion: 82 Resp: 1756493

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.4	56.0
54	50.8	42.7	64.1

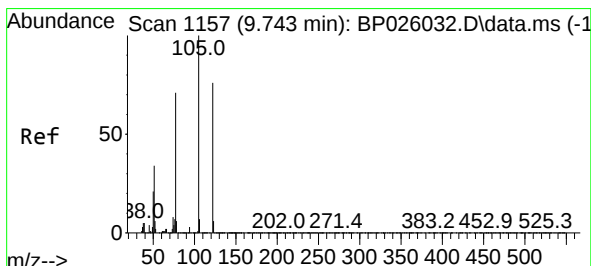
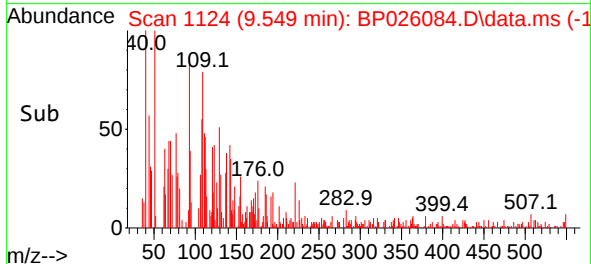
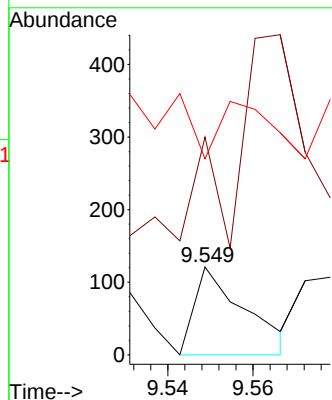
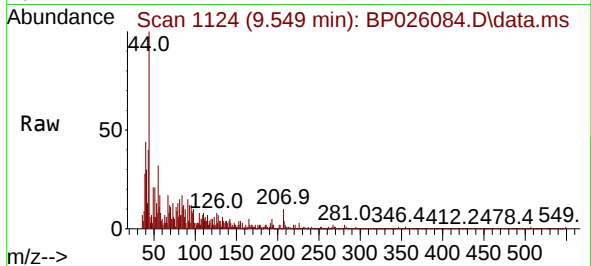




#26
2-Nitrophenol
Concen: 2.690 ng
RT: 9.549 min Scan# 1127
Delta R.T. -0.017 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

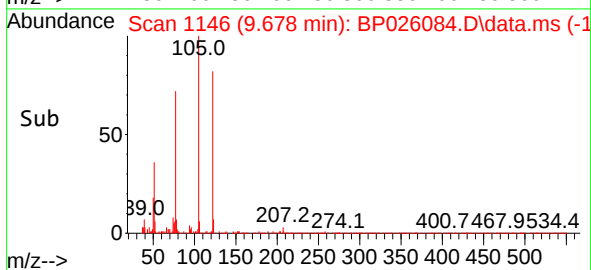
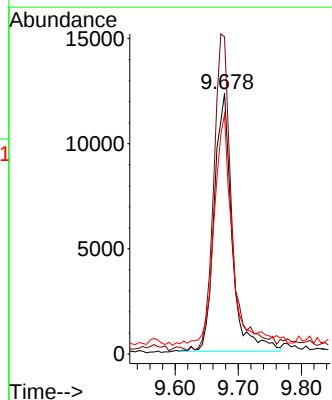
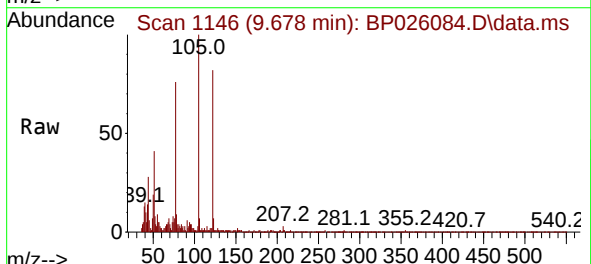
Instrument :
BNA_P
ClientSampleId :
MW-EB-2

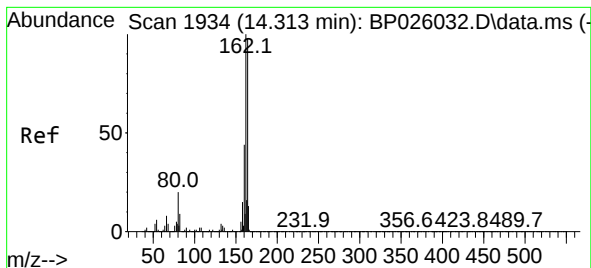
Tgt Ion:139 Resp: 100
Ion Ratio Lower Upper
139 100
109 247.9 24.8 37.2#
65 223.1 39.0 58.4#



#32
Benzoic acid
Concen: 6.009 ng
RT: 9.678 min Scan# 1146
Delta R.T. -0.100 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion:122 Resp: 23950
Ion Ratio Lower Upper
122 100
105 121.7 104.8 144.8
77 92.0 70.9 110.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BP026084.D

Acq: 06 Nov 2025 19:48

Instrument :

BNA_P

ClientSampleId :

MW-EB-2

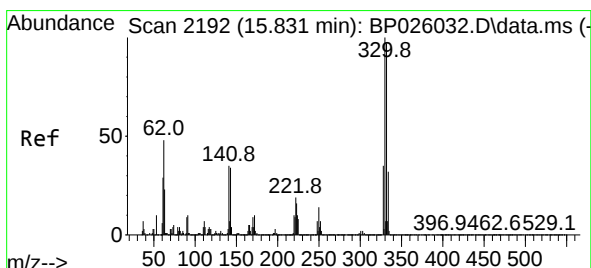
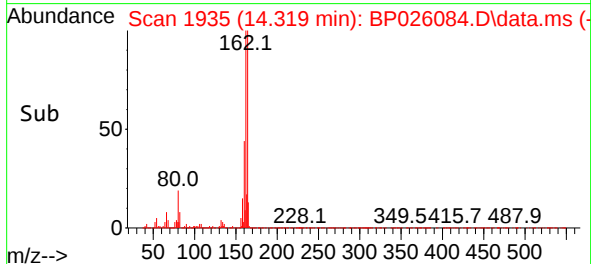
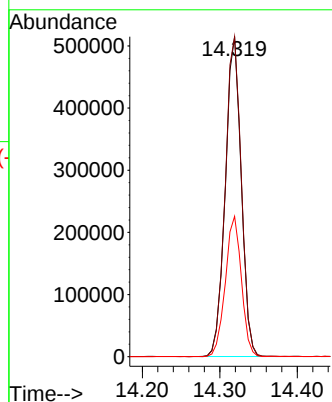
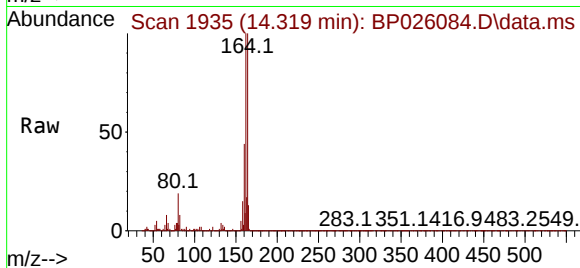
Tgt Ion:164 Resp: 734309

Ion Ratio Lower Upper

164 100

162 100.0 81.5 122.3

160 43.9 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 159.464 ng

RT: 15.825 min Scan# 2191

Delta R.T. -0.006 min

Lab File: BP026084.D

Acq: 06 Nov 2025 19:48

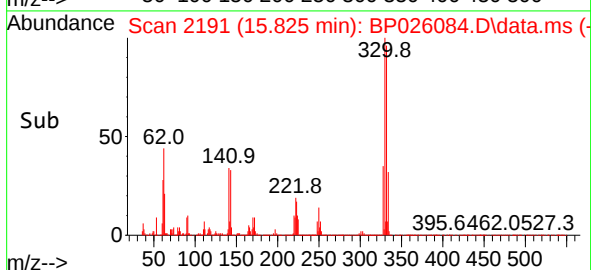
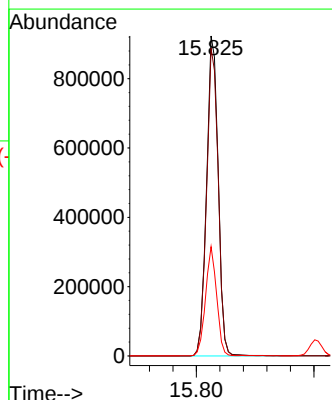
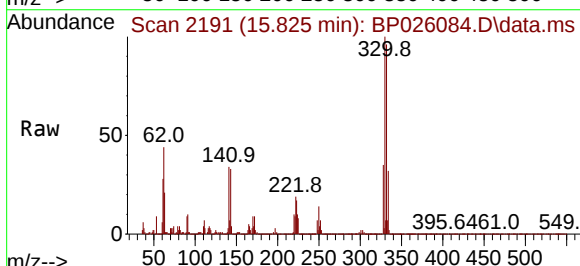
Tgt Ion:330 Resp: 1265917

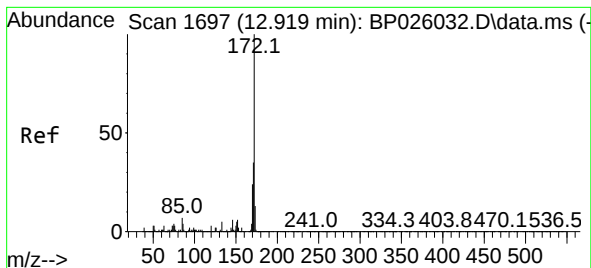
Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 32.7 28.6 42.8





#45

2-Fluorobiphenyl

Concen: 79.040 ng

RT: 12.925 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP026084.D

Acq: 06 Nov 2025 19:48

Instrument :

BNA_P

ClientSampleId :

MW-EB-2

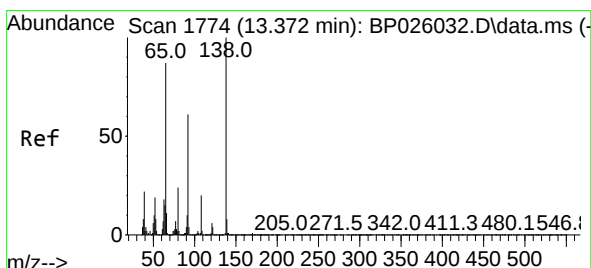
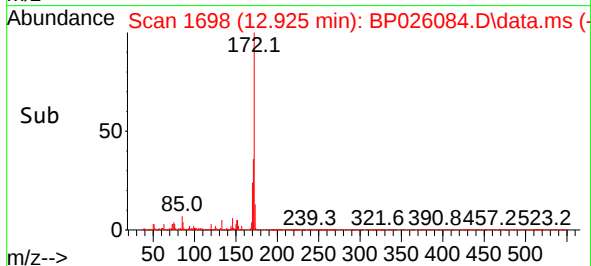
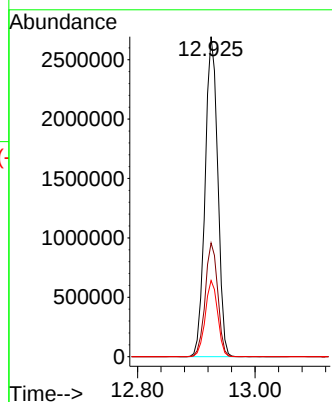
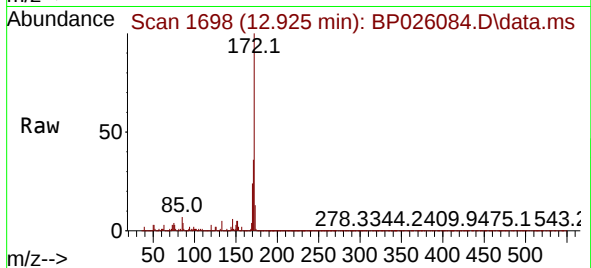
Tgt Ion:172 Resp: 4039177

Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 23.8 19.0 28.4



#48

2-Nitroaniline

Concen: 2.923 ng

RT: 13.390 min Scan# 1777

Delta R.T. 0.012 min

Lab File: BP026084.D

Acq: 06 Nov 2025 19:48

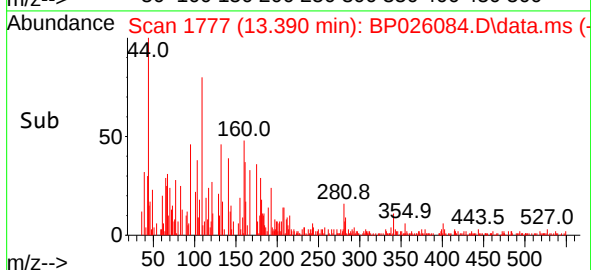
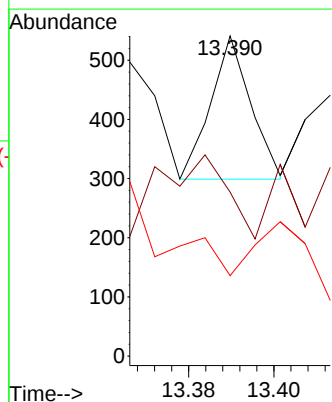
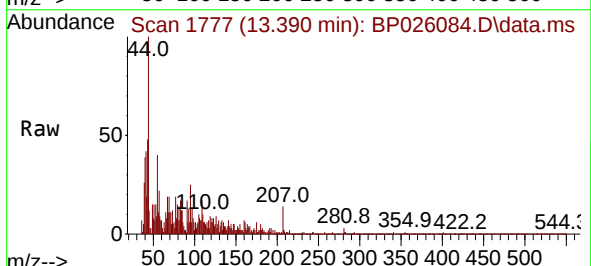
Tgt Ion: 65 Resp: 158

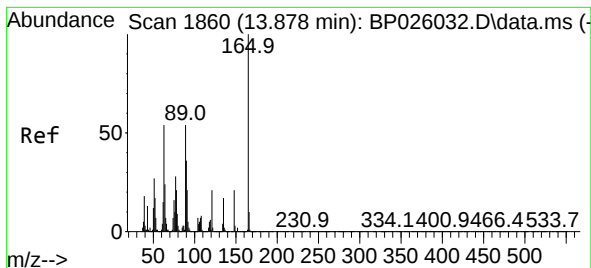
Ion Ratio Lower Upper

65 100

92 51.2 55.5 83.3#

138 25.1 91.7 137.5#





#51

2,6-Dinitrotoluene

Concen: 3.007 ng

RT: 13.825 min Scan# 1860

Delta R.T. -0.053 min

Lab File: BP026084.D

Acq: 06 Nov 2025 19:48

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MW-EB-2

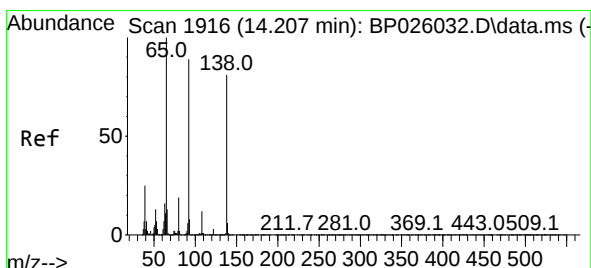
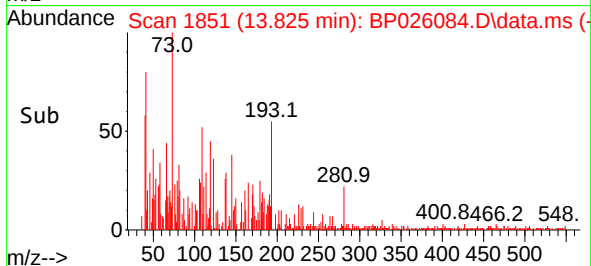
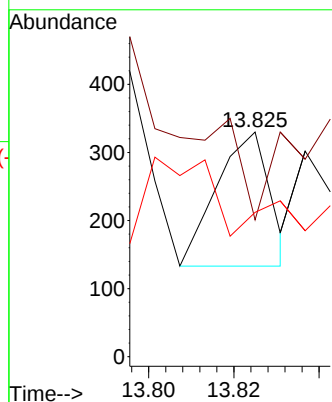
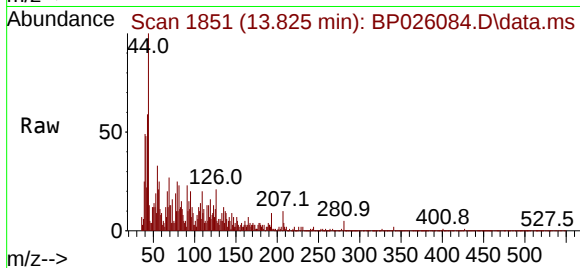
Tgt Ion:165 Resp: 172

Ion Ratio Lower Upper

165 100

63 60.9 43.0 64.4

89 64.2 43.0 64.4



#53

3-Nitroaniline

Concen: 2.661 ng

RT: 14.207 min Scan# 1916

Delta R.T. 0.000 min

Lab File: BP026084.D

Acq: 06 Nov 2025 19:48

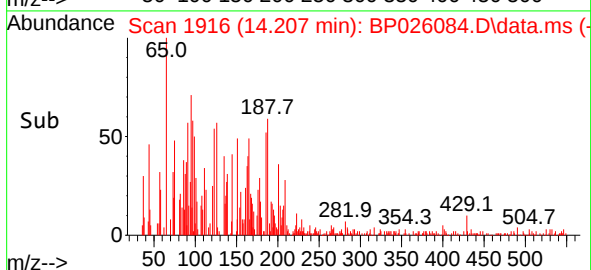
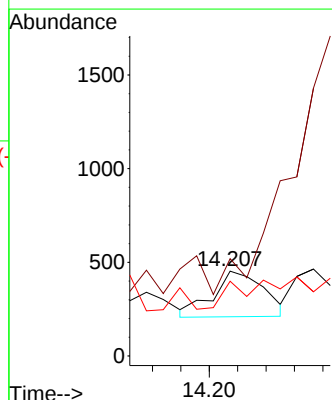
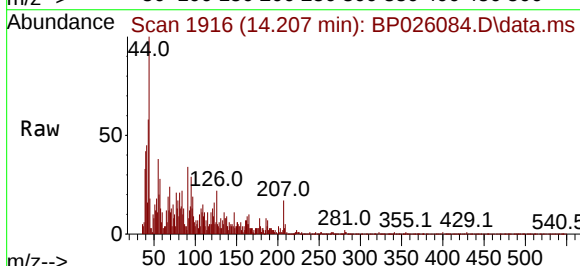
Tgt Ion:138 Resp: 301

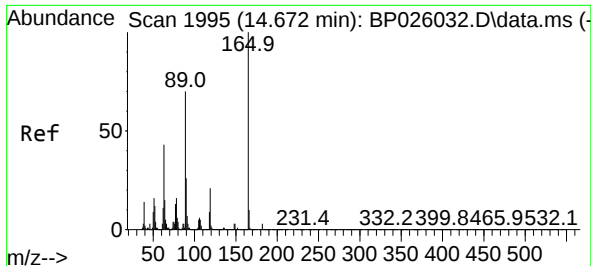
Ion Ratio Lower Upper

138 100

108 114.6 11.4 17.0#

92 88.1 87.1 130.7

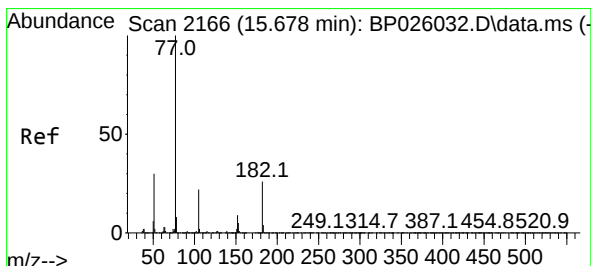
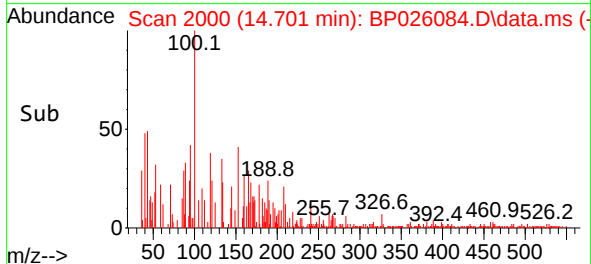
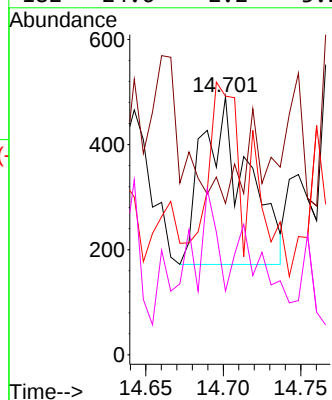
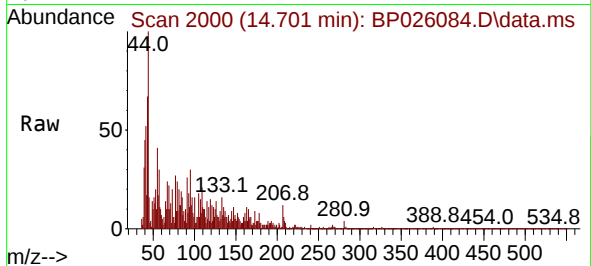




#57
2,4-Dinitrotoluene
Concen: 3.128 ng
RT: 14.701 min Scan# 20
Delta R.T. 0.023 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

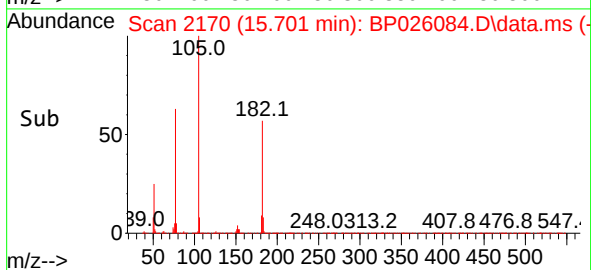
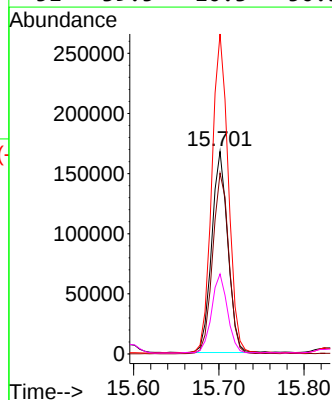
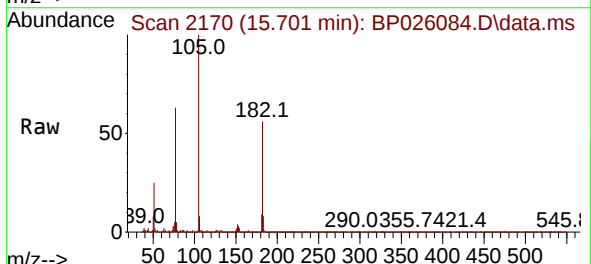
Instrument :
BNA_P
ClientSampleId :
MW-EB-2

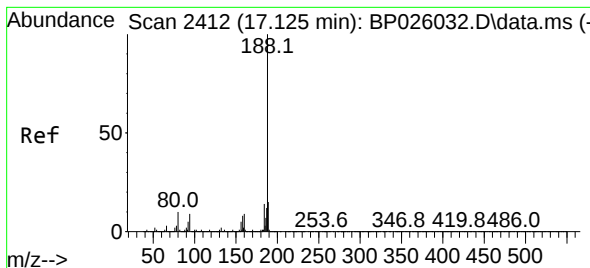
Tgt Ion:165 Resp: 644
Ion Ratio Lower Upper
165 100
63 58.7 34.2 51.2#
89 100.2 56.0 84.0#
182 24.6 2.2 3.2#



#63
Azobenzene
Concen: 4.531 ng
RT: 15.701 min Scan# 2170
Delta R.T. 0.012 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion: 77 Resp: 220522
Ion Ratio Lower Upper
77 100
182 89.2 6.4 46.4#
105 157.9 2.2 42.2#
51 39.5 10.3 50.3

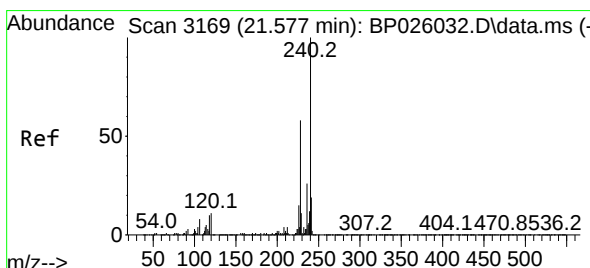
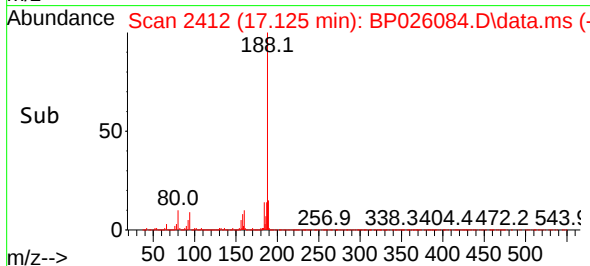
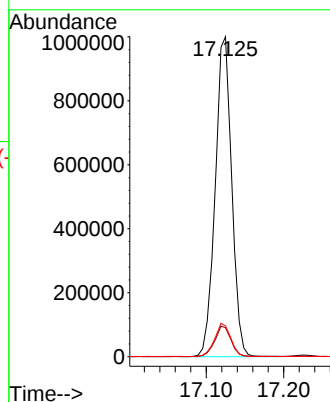
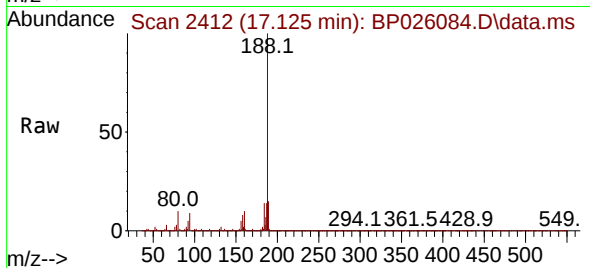




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

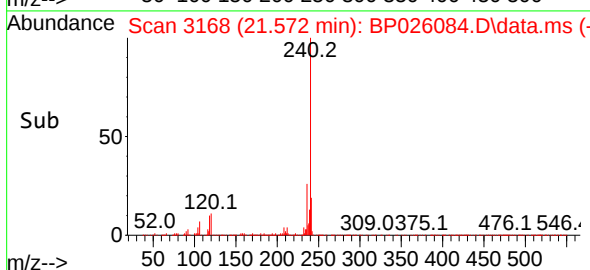
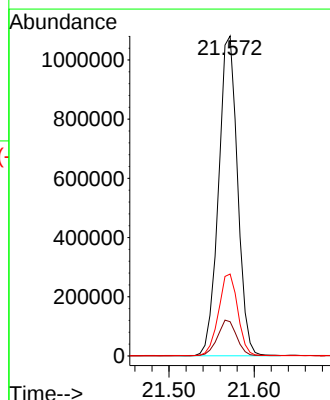
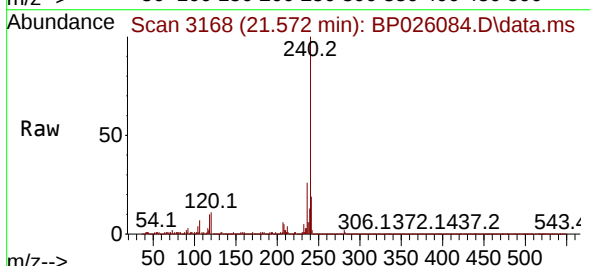
Instrument :
BNA_P
ClientSampleId :
MW-EB-2

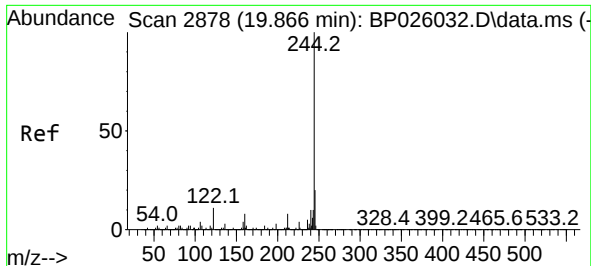
Tgt Ion:188 Resp: 1476005
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion:240 Resp: 1673935
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.6 20.6 31.0

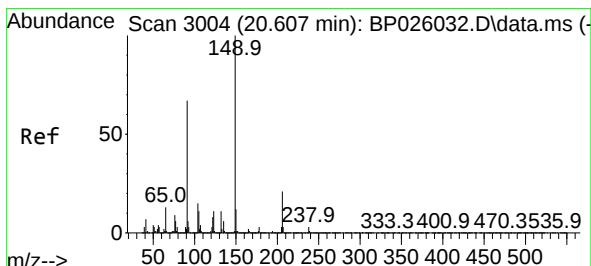
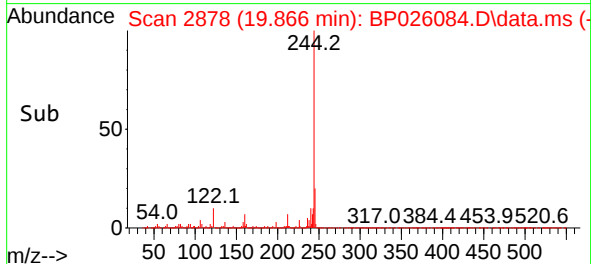
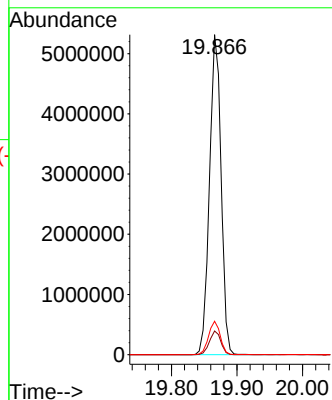
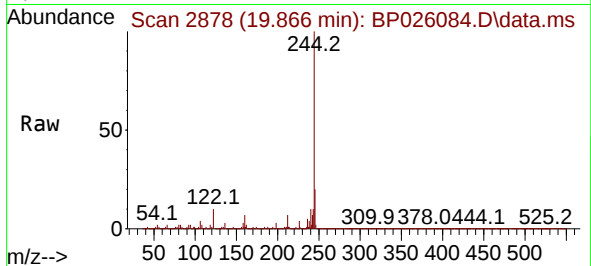




#79
 Terphenyl-d14
 Concen: 79.475 ng
 RT: 19.866 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP026084.D
 Acq: 06 Nov 2025 19:48

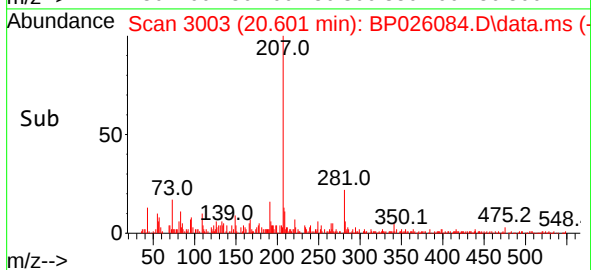
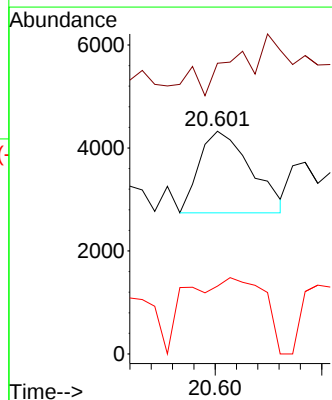
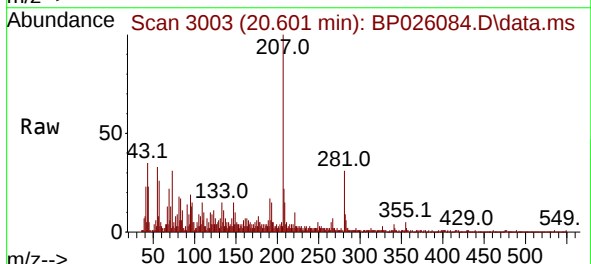
Instrument :
 BNA_P
 ClientSampleId :
 MW-EB-2

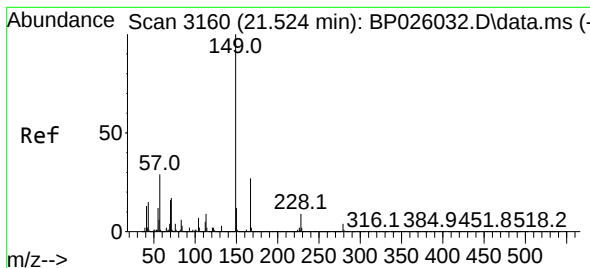
Tgt Ion:244 Resp: 6548074
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.5 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.456 ng
 RT: 20.601 min Scan# 3003
 Delta R.T. -0.006 min
 Lab File: BP026084.D
 Acq: 06 Nov 2025 19:48

Tgt Ion:149 Resp: 2666
 Ion Ratio Lower Upper
 149 100
 91 130.5 53.5 80.3#
 206 30.5 16.6 25.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.893 ng

RT: 21.601 min Scan# 3160

Delta R.T. 0.083 min

Lab File: BP026084.D

Acq: 06 Nov 2025 19:48

Instrument :

BNA_P

ClientSampleId :

MW-EB-2

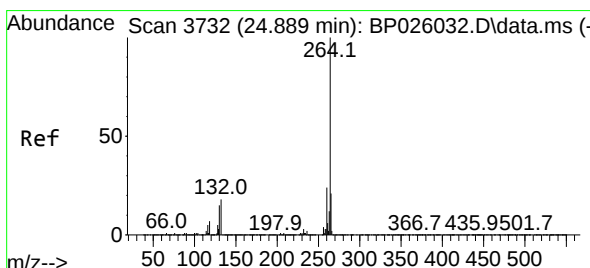
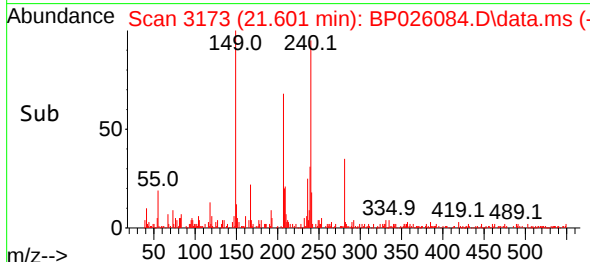
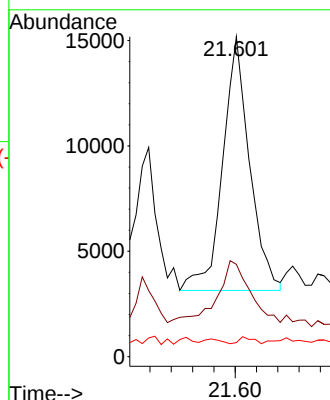
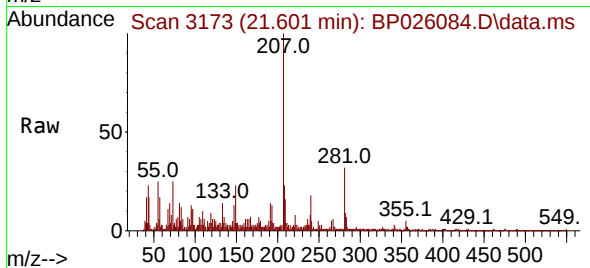
Tgt Ion:149 Resp: 21118

Ion Ratio Lower Upper

149 100

167 28.8 21.5 32.3

279 4.4 3.0 4.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.895 min Scan# 3733

Delta R.T. 0.012 min

Lab File: BP026084.D

Acq: 06 Nov 2025 19:48

Tgt Ion:264 Resp: 1952856

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.5 17.2 25.8

